

PRECIPITATED SILICIC ACID, METHOD FOR PREPARING THE SAME ANDBATTERY SEPARATOR CONTAINING THE SAME

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Precipitated silicic acid has a BET surface area of 100-130m²/g (DIN 66131); a DBP absorption (water-free (DIN53601) ASTM D244 of plus or minus 275g/100g, a dry loss (2 hrs./105 degrees C) of 3.5-5.5 wt.% (DIN ISO787/11,ASTM D280, JISK5101/21), and a sieve residue with ALPINE air sieve of plus or minus 10; 0 wt.% (<63mm), plus or minus 0.1wt.% (<150 mm), and plus or minus 0.01 wt.% (<250mm). Prodn. of the silicic acid is also claimed.

BET-表面積: DIN 66131 100~130m²/g
DBP-吸収: DIN 53601 ±275g/100g
乾燥損失: ASTM D 2444
乾燥損失: DIN ISO 787/11
(2h/105°C): ASTM D 280 3.5~5.5重量%
JIS K 5101/21

ALPINE-エアースクリーン上の篩残量:

> 63mm: ±10% 篩残量
> 150mm: ±0.1 重量%
> 250mm: ±0.01 重量%

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